

Recovery Plan Action Status

Plan Name: Final Recovery Plan for the Prairie Species of Western Oregon and Southwestern Washington

Plan Status: Final

Plan Date: 29-Jun-10

Lead Agency: USFWS

Lead Office: Oregon Fish And Wildlife Office

(2503)
(231-6179)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Fender's blue butterfly (Icaricia icarioides fenderi)	2	1.1.4.1.1	Prescribed fire	Ongoing Current	FY 2000 - FY 2004		Oregon Department of Transportation, U.S. Fish and Wildlife Service, The Nature Conservancy, Non-governmental organizations, Bureau Land Management , U.S. Army Corps of Engineers	Management: Habitat Maintenance and Manipulation	Contract, Internal Field Assistance	100K every 3rd year
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Fender's blue butterfly (Icaricia icarioides fenderi)	2	1.1.4.1.2	Mowing	Ongoing Current	FY 2000 - FY 2004		Oregon Department of Transportation, U.S. Fish and Wildlife Service, The Nature Conservancy, Non-governmental organizations, Bureau Land Management , U.S. Army Corps of Engineers	Management: Habitat Maintenance and Manipulation	Contract, Internal Field Assistance	60K every other year after
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Fender's blue butterfly (Icaricia icarioides fenderi)	2	1.1.4.1.3	Manual removal of woody plants	Ongoing Current	FY 2000 - FY 2004		Oregon Department of Transportation, U.S. Fish and Wildlife Service, The Nature Conservancy, Non-governmental organizations, Bureau Land Management , U.S. Army Corps of Engineers	Management: Habitat Maintenance and Manipulation	Contract, Internal Field Assistance	20K every other year after

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Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Fender's blue butterfly (Icaricia icarioides fenderi)	3	1.1.4.1.4	Habitat management using other methods as appropriate, pending results of ongoing and planned research	Not Started			Oregon Department of Transportation, U.S. Fish and Wildlife Service, The Nature Conservancy, Non-governmental organizations, Bureau Land Management , U.S. Army Corps of Engineers	Management: Habitat Maintenance and Manipulation	Contract, Internal Field Assistance	20K every other year after
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Fender's blue butterfly (Icaricia icarioides fenderi)	2	1.1.5	Coordinate with recovery efforts for Lupinus sulphureus ssp. kincaidii	Ongoing Current	FY 2000 - FY 2004		Oregon Department of Transportation, U.S. Fish and Wildlife Service, The Nature Conservancy, Non-governmental organizations, Bureau Land Management , U.S. Army Corps of Engineers	Research: Habitat Requirements, Research: Management Techniques, Research: Population Assessment, Research: Reintroduction	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	2K each year
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	3	1.1.6.3	Manage and monitor reintroduced and augmented populations	Ongoing Current	FY 2010		Oregon Department of Transportation, U.S. Fish and Wildlife Service, The Nature Conservancy, Non-governmental organizations, Bureau Land Management , U.S. Army Corps of Engineers	Management: Habitat Maintenance and Manipulation, Management: Reintroduction, Research: Population Assessment	Contract, Internal Field Assistance	20K each year
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Fender's blue butterfly (Icaricia icarioides fenderi)	3	1.1.8	Monitor prairie quality at all functioning network and independent population sites	Ongoing Current	FY 2000 - FY 2004		Oregon Department of Transportation, U.S. Fish and Wildlife Service, The Nature Conservancy, Non-governmental organizations, Bureau Land Management , U.S. Army Corps of Engineers	Research: Habitat Status	Contract, Graduate Student, Internal Field Assistance, Species Expert	10K every other year after

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Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	3	1.2.2	Survey extirpated sites and suitable habitat near these sites to determine if any of these populations may still persist	Ongoing Current	FY 2005		Oregon Department of Agriculture, U.S. Fish and Wildlife Service, The Nature Conservancy, Non-governmental organizations, Bureau Land Management, Washington Department of Natural Resources, U.S. Army Corps of Engineers	Research: Population Surveys	Species Expert	
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	1	1.2.3.1	Select populations on which to focus recovery efforts	Ongoing Current	FY 2005		Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Washington Department of Natural Resources	Research: Population Assessment	Species Expert	

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Golden Paintbrush (Castilleja levisecta), Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	2	1.2.3.2	Evaluate protected status of populations	Ongoing Current	FY 2005		U.S. Fish and Wildlife Service	Research: Population Assessment	Species Expert	
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	2	1.2.3.3	Secure conservation or management agreements for populations that are not yet protected	Ongoing Current	FY 2005		U.S. Fish and Wildlife Service	Acquisition, Management: Identify/Protect Foraging, Breeding and Mig Habitats	Internal Technical Assistance, Species Expert	40K every 3rd yr after
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	2	1.2.3.4	Develop site-specific management plans	Ongoing Current	FY 2005		Oregon Department of Agriculture, Oregon Department of Transportation, Confederated Tribes of the Grande Ronde, U.S. Fish and Wildlife Service, The Nature Conservancy, Non-governmental organizations, Bureau Land Management, Washington Department of Natural Resources, U.S. Army Corps of Engineers	Management	Internal Technical Assistance, Species Expert	50K every yr 5-10; 25K every yr 11-15; 25K yr 17 and 19

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Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	2	1.2.3.5.1.1	Prescribed fire	Ongoing Current	FY 2005		Oregon Department of Agriculture, Oregon Department of Transportation, Confederated Tribes of the Grande Ronde, U.S. Fish and Wildlife Service, The Nature Conservancy, Non-governmental organizations, Bureau Land Management, Washington Department of Natural Resources, U.S. Army Corps of Engineers	Management: Habitat Maintenance and Manipulation	Contract	40K/yr/ERDED/40K/yr/LUSUKI; 60K/yr/LOBR; 70K/yr/SINE; every 3rd year
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	2	1.2.3.5.1.2	Mowing	Ongoing Current	FY 2005		Oregon Department of Agriculture, Oregon Department of Transportation, Confederated Tribes of the Grande Ronde, U.S. Fish and Wildlife Service, The Nature Conservancy, Non-governmental organizations, Bureau Land Management, Washington Department of Natural Resources, U.S. Army Corps of Engineers	Management: Habitat Maintenance and Manipulation	Contract	15K/yr/ERDED; 15K/yr/LUSUKI; 20K/yr/LOBR; 25K/yr/SINE; every other year

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Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	2	1.2.3.5.1.3	Remove woody plants	Ongoing Current	FY 2005		Oregon Department of Agriculture, Oregon Department of Transportation, Confederated Tribes of the Grande Ronde, U.S. Fish and Wildlife Service, The Nature Conservancy, Non-governmental organizations, Bureau Land Management, Washington Department of Natural Resources, U.S. Army Corps of Engineers	Management: Habitat Maintenance and Manipulation	Contract	10K every 3rd year after
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	2	1.2.3.5.1.4	Eliminate non-native plants to extent practicable and restore native prairie species	Ongoing Current	FY 2005		Oregon Department of Agriculture, Oregon Department of Transportation, Confederated Tribes of the Grande Ronde, U.S. Fish and Wildlife Service, The Nature Conservancy, Non-governmental organizations, Bureau Land Management, Washington Department of Natural Resources, U.S. Army Corps of Engineers	Management: Habitat Maintenance and Manipulation	Contract	20K every 3rd year after
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	1	1.2.3.5.1.5	Work to discourage introduction of transgenic herbicide-resistant grasses in the region	Ongoing Current	FY 2008		U.S. Fish and Wildlife Service	Other: Information and Education, Other: Regulations	Species Expert	Costs are TBD

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Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	1	1.2.3.5.3.1	Develop outplanting protocols for cultivated seedlings	Ongoing Current	FY 2008		Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Washington Department of Natural Resources	Research: Management Techniques, Research: Propagation	Contract, Species Expert	1K/plant spp
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	1	1.2.3.5.3.2	Develop protocols for site preparation and planting from seeds in situ	Ongoing Current	FY 2008		Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Washington Department of Natural Resources	Research: Management Techniques, Research: Propagation	Contract, Species Expert	2K/plant spp

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Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	2	1.2.3.5.3.3	Implement population augmentation	Ongoing Current	FY 2008		Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Washington Department of Natural Resources	Management: Propagation	Contract, Species Expert	Costs are TBD
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	1	1.2.4.1	Identify reintroduction sites	Ongoing Current	FY 2008		Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Recovery Team, The Nature Conservancy, Non-governmental organizations, Bureau Land Management, Universities or Colleges, Washington Department of Natural Resources	Research: Habitat Requirements	Contract, Species Expert	10K every 5th year
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	2	1.2.4.2	Conduct reintroductions	Ongoing Current	FY 2008		Oregon Department of Agriculture, Oregon Department of Transportation, U.S. Fish and Wildlife Service, The Nature Conservancy, Non-governmental organizations, Bureau Land Management, Washington Department of Natural Resources, U.S. Army Corps of Engineers	Research: Reintroduction	Species Expert	50K every yr 5-10; 25K every yr 11-15; 10K yr 16-20

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Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	2	1.2.5.2	Monitor populations and trends, evaluate effectiveness of management actions and apply adaptive management practices, as appropriate	Ongoing Current	FY 2007		Oregon Department of Agriculture, Oregon Department of Transportation, Confederated Tribes of the Grande Ronde, U.S. Fish and Wildlife Service, The Nature Conservancy, Non-governmental organizations, Bureau Land Management, Washington Department of Natural Resources, U.S. Army Corps of Engineers	Management: Population Monitoring	Contract, Species Expert	40K each year
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	3	1.2.6	Monitor prairie quality at all population sites	Ongoing Current	FY 2006		Oregon Department of Agriculture, Oregon Department of Transportation, Confederated Tribes of the Grande Ronde, U.S. Fish and Wildlife Service, The Nature Conservancy, Non-governmental organizations, Bureau Land Management, Washington Department of Natural Resources, U.S. Army Corps of Engineers	Management: Population Monitoring	Contract, Species Expert	40K every other yr after

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Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Fender's blue butterfly (Icaricia icarioides fenderi), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	1	1.3.1	Determine the effect of herbicides on differentifestages of Fender's blue butterfly	Ongoing Current	FY 2006		U.S. Fish and Wildlife Service, Universities or Colleges	Research: Other Information	Contract	
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	3	1.3.10	Evaluate the importance of mycorrhizae and other below-ground micro-organisms on plant performance	Not Started			Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Universities or Colleges	Research: Habitat Requirements	Contract	

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Golden Paintbrush (Castilleja levisecta), Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Fender's blue butterfly (Icaricia icarioides fenderi), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	3	1.3.12	Evaluate interactions between listed species and non-native plants	Not Started			Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Universities or Colleges	Research: Ecosystem Studies	Contract	Costs are TBD
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Fender's blue butterfly (Icaricia icarioides fenderi), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	2	1.3.13	Evaluate the use of livestock grazing as a tool to manage prairie habitat	Ongoing Current	FY 2011	FY 2016	Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Universities or Colleges	Research: Demographic Studies	Contract	Project: Demography and management of Willamette daisy

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Golden Paintbrush (Castilleja levisecta), Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	2	1.3.16	Identify factors that limit the expansion of populations of listed prairie plants	Ongoing Current	FY 2010	FY 2016	Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Universities or Colleges	Research: Ecosystem Studies, Research: Habitat Requirements, Research: Management Techniques	Contract	project: Demography and management of Willamette daisy
Golden Paintbrush (Castilleja levisecta), Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Fender's blue butterfly (Icaricia icarioides fenderi), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	2	1.3.17.1	Convene an expert panel to advise the recovery program on measures needed to respond or adapt to impending climate change effects to the listed species addressed in this recovery plan	Not Started			Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Universities or Colleges, U.S. Geological Survey - Biological Resources Division, Washington Department of Natural Resources	Research: Climate Change	Contract	

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Golden Paintbrush (Castilleja levisecta), Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Fender's blue butterfly (Icaricia icarioides fenderi), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	2	1.3.17.2	Evaluate the role of habitat heterogeneity in buffering populations from the effects of changing climate patterns in the region	Not Started			Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Universities or Colleges, U.S. Geological Survey - Biological Resources Division, Washington Department of Natural Resources	Research: Climate Change	Contract	Costs are TBD
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Fender's blue butterfly (Icaricia icarioides fenderi), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	2	1.3.2	Develop guidelines for protection of Fender's blue butterfly and its habitat from pesticides	Not Started			U.S. Fish and Wildlife Service, Universities or Colleges	Research: Environmental Contaminants	Contract	
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Fender's blue butterfly (Icaricia icarioides fenderi), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	3	1.3.5	Investigate the role of pollinators in supporting forb species needed for nectar species diversity	Not Started			U.S. Fish and Wildlife Service, Non-governmental organizations, Universities or Colleges	Research: Ecosystem Studies	Contract	

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Golden Paintbrush (Castilleja levisecta), Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Fender's blue butterfly (Icaricia icarioides fenderi), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	3	1.3.7	Identify pollinators and determine habitat needs of pollinators	Not Started			Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Universities or Colleges, Washington Department of Natural Resources	Research: Taxonomic Studies	Contract	
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	3	1.3.8.2	Evaluate incidence of hybridization and develop strategies to minimize potential hybridization	Not Started			Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Universities or Colleges, Washington Department of Natural Resources	Research: Genetics	Contract	2 spp - 0.5/spp

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Golden Paintbrush (Castilleja levisecta), Larkspur (Delphinium leucophaeum), Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Hitchcock's blue-eyed grass (Sisyrinchium hitchcockii), Willamette Valley larkspur (Delphinium nuttallii ssp. nuttallii), Fender's blue butterfly (Icaricia icarioides fenderi), shaggy horkelia (Horkelia congesta ssp. congesta), Taylor's (=whulge) Checkerspot (Euphydryas editha taylori), Columbian whitetop aster (Sericocarpus rigidus), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens), Peacock larkspur (Delphinium pavonaceum)	1	3.1	Develop an active program to engage private landowners in the conservation of listed and nonlisted prairie species and prairie habitat restoration	Not Started			U.S. Fish and Wildlife Service	Management: General	Species Expert	10K each year after

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Golden Paintbrush (Castilleja levisecta), Larkspur (Delphinium leucophaeum), Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Hitchcock's blue-eyed grass (Sisyrinchium hitchcockii), Willamette Valley larkspur (Delphinium nuttallii ssp. nuttallii), Fender's blue butterfly (Icaricia icarioides fenderi), shaggy horkelia (Horkelia congesta ssp. congesta), Taylor's (=whulge) Checkerspot (Euphydryas editha taylori), Columbian whitetop aster (Sericocarpus rigidus), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens), Peacock larkspur (Delphinium pavonaceum)	2	3.2	Provide information about the species of interest, incentive programs for voluntary efforts, and restoration and monitoring resources available to landowners	Ongoing Current	FY 2008		Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Bureau Land Management, Washington Department of Natural Resources, U.S. Army Corps of Engineers	Other: Information and Education	Species Expert	10K each year after
Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Fender's blue butterfly (Icaricia icarioides fenderi)	2	3.3	Develop Safe Harbor Agreements for landowners interested in restoring prairie habitats for Fender's blue butterfly and Lupinus sulphureus ssp. kincaidi	Ongoing Current	FY 2010		U.S. Fish and Wildlife Service	Other: Information and Education	Species Expert	20K each year after

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Golden Paintbrush (Castilleja levisecta), Larkspur (Delphinium leucophaeum), Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Hitchcock's blue-eyed grass (Sisyrinchium hitchcockii), Willamette Valley larkspur (Delphinium nuttallii ssp. nuttallii), Fender's blue butterfly (Icaricia icarioides fenderi), shaggy horkelia (Horkelia congesta ssp. congesta), Taylor's (=whulge) Checkerspot (Euphydryas editha taylori), Columbian whitetop aster (Sericocarpus rigidus), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens), Peacock larkspur (Delphinium pavonaceum)	3	4.1	Establish a technical working group to review the effectiveness of management plans and recovery actions, monitor the status of the species, and coordinate conservation efforts	Not Started			U.S. Fish and Wildlife Service, Recovery Team	Management, Other, Research	Contract, Species Expert	10 K every 5th year

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Golden Paintbrush (Castilleja levisecta), Larkspur (Delphinium leucophaeum), Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Hitchcock's blue-eyed grass (Sisyrinchium hitchcockii), Willamette Valley larkspur (Delphinium nuttallii ssp. nuttallii), Fender's blue butterfly (Icaricia icarioides fenderi), shaggy horkelia (Horkelia congesta ssp. congesta), Taylor's (=whulge) Checkerspot (Euphydryas editha taylori), Columbian whitetop aster (Serilocarpus rigidus), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens), Peacock larkspur (Delphinium pavonaceum)	2	4.2	Educate the public about native prairies and the rare species that depend on them	Not Started			Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Bureau Land Management, Washington Department of Natural Resources, U.S. Army Corps of Engineers	Other: Information and Education	Species Expert	

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Golden Paintbrush (Castilleja levisecta), Larkspur (Delphinium leucophaeum), Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Hitchcock's blue-eyed grass (Sisyrinchium hitchcockii), Willamette Valley larkspur (Delphinium nuttallii ssp. nuttallii), Fender's blue butterfly (Icaricia icarioides fenderi), shaggy horkelia (Horkelia congesta ssp. congesta), Taylor's (=whulge) Checkerspot (Euphydryas editha taylori), Columbian whitetop aster (Sericocarpus rigidus), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens), Peacock larkspur (Delphinium pavonaceum)	3	5	Revise and update recovery plan as needed	Not Started			U.S. Fish and Wildlife Service, Recovery Team	Other	Species Expert	Duration and costs are TBD

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Golden Paintbrush (Castilleja levisecta), Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Fender's blue butterfly (Icaricia icarioides fenderi), Nelson's checker-mallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	3	6	Develop post-delisting monitoring plans for each listed species prior to delisting	Not Started			U.S. Fish and Wildlife Service	Other	Species Expert	